



US Army Corps of Engineers



Partnering and Coordination to Accomplish the Navigation Mission

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Partnership and cooperation at several levels is required to effectively perform the Corps navigation mission:

- Project Sponsors

- Channel Users

- Environmental (Regulatory) agencies

- Contractors/Industry

- Public

- Internal partnership



Navigation in NWD

Columbia/Snake River System

- Serves 36 ports; carries 40% of U.S. wheat
- 485 miles of navigable waterways
- 35 million tons of cargo each year
- Exports & imports exceed \$14 billion annually

Puget Sound and Coastal Ports

- 11 Coastal projects in Oregon
- 4 Coastal Projects in Washington
- 23 projects in Puget Sound

Missouri River

- Transports 8 million tons of cargo
- 735-mile long Bank Stabilization and Navigation Project - Sioux City to St. Louis
- Channel maintenance accomplished by flow releases and river structures





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Mouth of the Columbia River



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Columbia-Snake River Inland Waterways





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John Day Lock and Dam



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John Day Lock and Dam



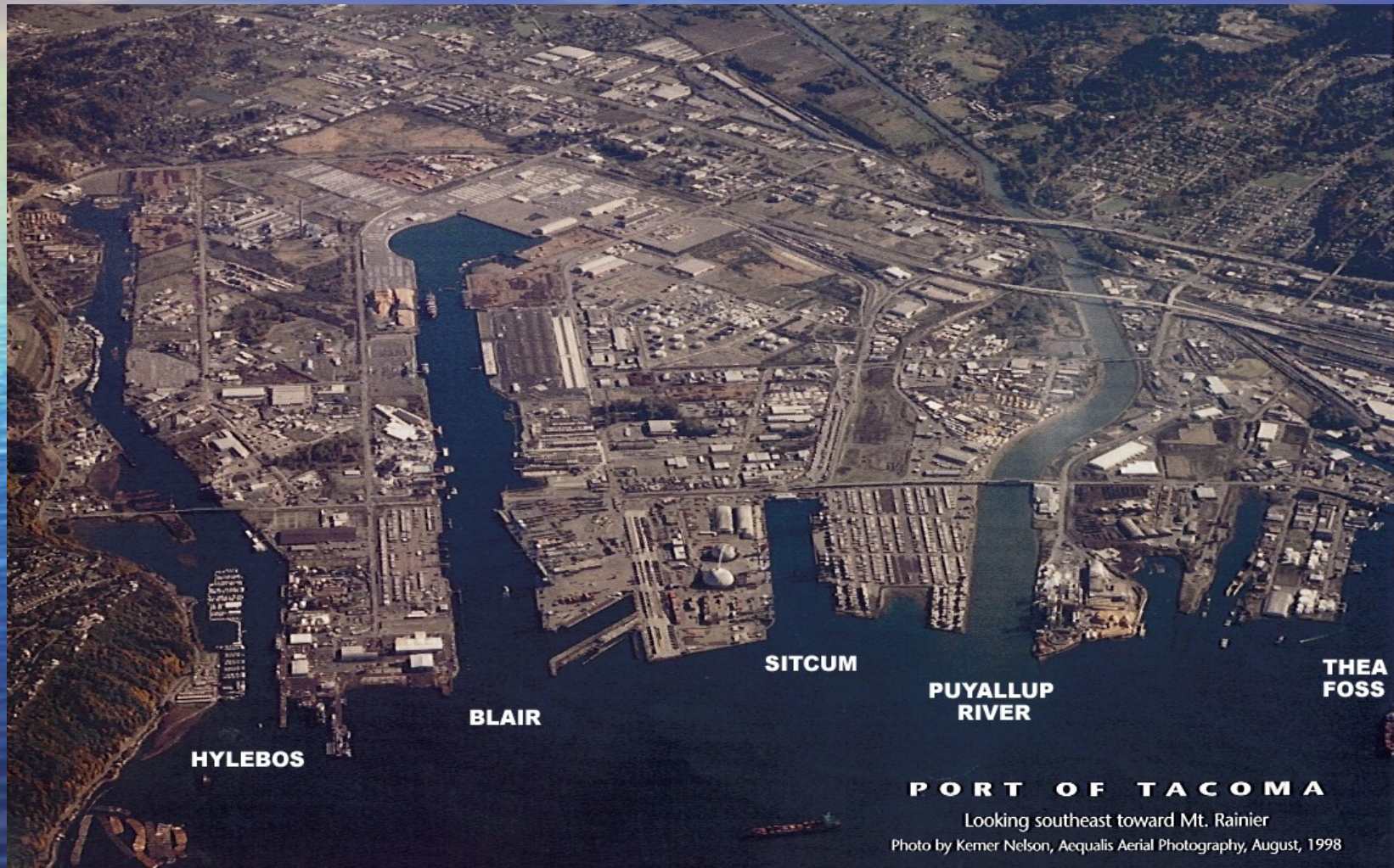
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Tacoma Harbor





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Siuslaw River Jetties



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Port Orford, Oregon



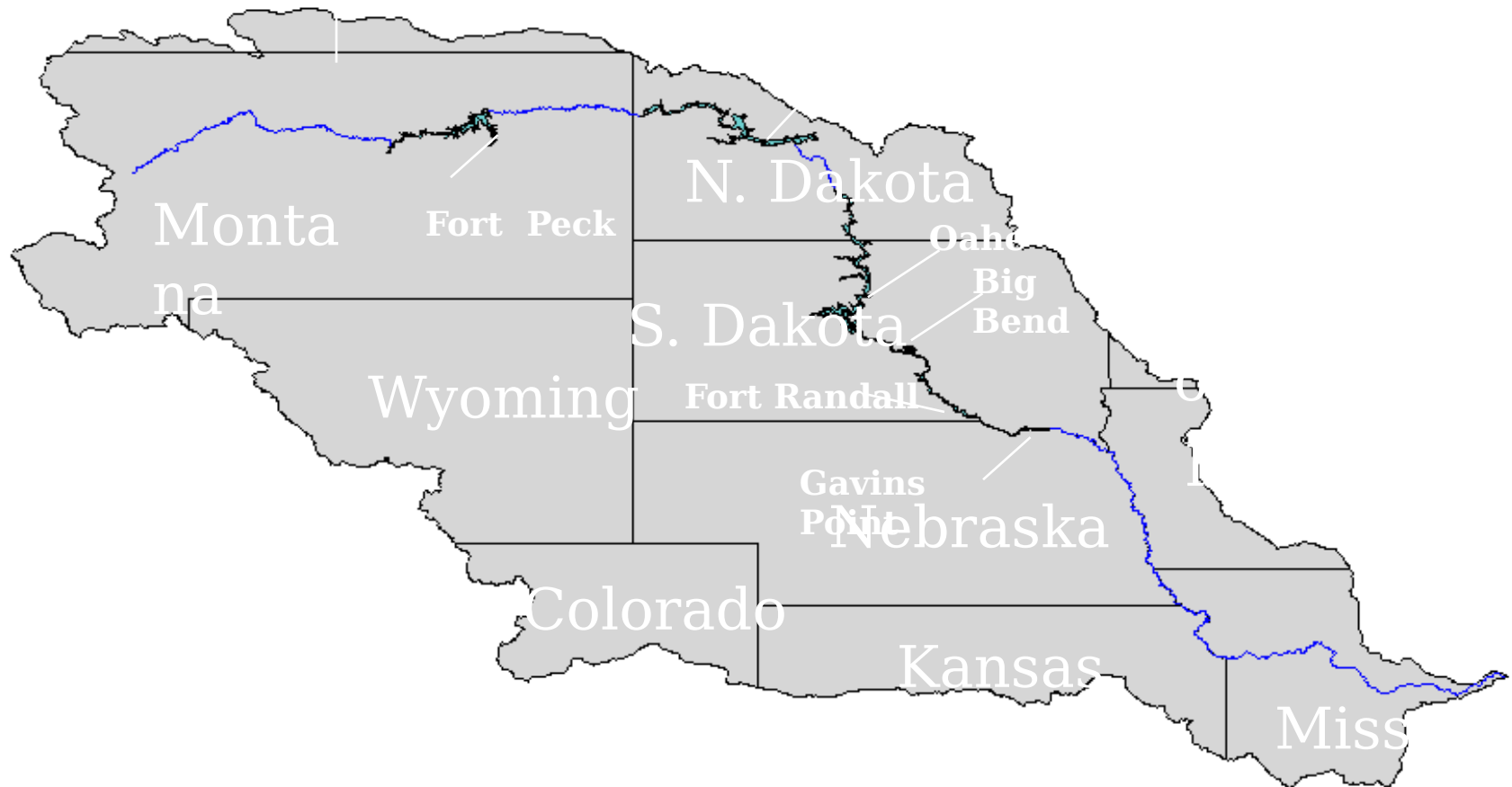
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Missouri River Dams

Alber

Saskatchewan





Project Sponsors

- Typically Port Districts
- Cost Sharing on new work
- Responsible for land, easements and right-of-way for disposal areas
- Develop and support commercial use of channels/projects
- Identify needs for channel maintenance or improvements



Columbia River Channel Improvement Project as Example

- Partnership (6 Ports in 2 States, Corps)
- Planning Process began in 1989
- Includes Navigation and Environmental Restoration Improvements
- Environmental Compliance Coordination
- Disposal Site Selection and Availability



Project Users

- Ports
- Navigators
- Bar and River Pilots
- US Coast Guard
- Fishermen
- Shipping Companies
- User Groups
 - Pacific Northwest Waterways Association
 - Ports Associations



Navigation Funding Mechanisms

- Inland Waterways Trust Fund
- Inland Waterways Users Board
- Harbor Maintenance Trust Fund
- Support Funding Requests in Budget



Coordination with Users

- Regular meetings at District level
- National and Regional Navigation meetings
- Inland Marine Transportation System Study
- Work Groups and teams (e.g. Locking procedures)
- Participation in FCRPS process (e.g. Technical Management Team discussion of operations)



Other Agencies

- US Coast Guard
- US Department of Transportation,
Maritime Administration
- State Economic Development
Departments



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Environmental Agency Partners

- US Environmental Protection Agency
- US Fish and Wildlife Service
- National Marine Fisheries Service
 - National and Regional Dredging Teams
 - Regional Sediment Evaluation Team
 - Programmatic Sediment Management Plan
- States
- Tribes



National Dredging Team Vision and Goals

- **VISION:** Dredging of U.S. harbors and channels is conducted in a timely and cost effective manner while meeting environmental protection/restoration/enhancement goals.
- **GOALS:** The National Dredging Team will facilitate communication, coordination, and resolution of dredging issues among the participating Federal agencies, and will serve as a forum for promoting the implementation of the National Dredging Policy and the recommendations in the National Dredging Team's Dredged Material Management: Action Agenda for the Next Decade (2003) (Action Agenda).



Key Environmental Laws

- National Environmental Policy Act
- Clean Water Act (Sections 404 and 401)
- Marine Protection, Research and Sanctuaries Act (Sections 102 and 103)
- Endangered Species Act
- Coastal Zone Management Act
- Corps Regulatory Program
 - Section 10, River and Harbor Act of 1899
 - Section 404, Clean Water Act



Contractors/Industry

- National Dredging Meetings
- Western Dredging Association (WEDA) Regional Meetings
- Pre-advertisement coordination meetings
- Partnering during contract administration



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Dredge Yaquina in Dry Dock at Sundial Marine





Public Coordination and Partnerships

- General Public
- Local Governments and Groups (e.g. Lower Columbia River Solutions Group)
- Interest Groups
- Non-Government Organizations (e.g. Lower Columbia River Estuary Partnership, Ducks Unlimited)



Internal Coordination

- Corps Headquarters
- Division
- Districts
- Pacific Coast Navigation
Community of Practice
(PACNAVCOP)



District/Division Team Members

- Operations Division
- Planning
- Environmental
- Engineering and construction
- Contracting
- Real Estate
- Resource Management
- Programming
- Office of Counsel
- Public Affairs



Conclusion:

- The key to successfully maintaining the navigation system and projects is effective partnering and communication across a broad spectrum of fronts. This is necessary to understand and effectively balance the needs of navigation, economics and the environmental concerns.



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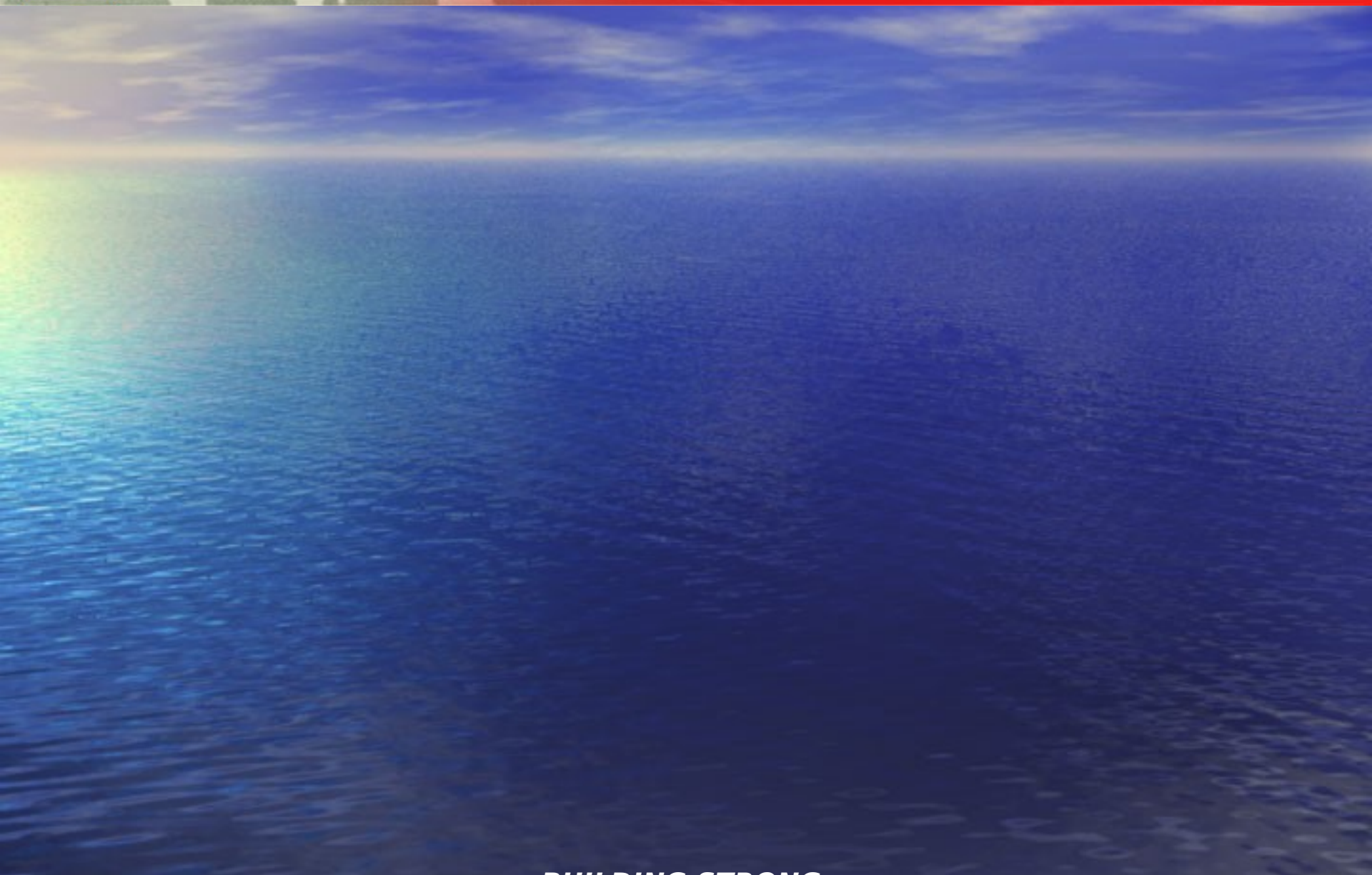
Navigation



- Annually, about 10 million tons of commodities pass through Portland District navigation locks.
- Portland District maintains 710 miles of federal navigation channels in Oregon and south-western Washington.
- Portland District maintains 33 coastal and inland harbors.
- Two of the Corps' four hopper dredges operate out of Portland.



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